

	Type	Hits	Search Text
1	BRS	1	5519212.pn.
2	BRS	1	5372930.pn.
3	BRS	1	5958701.pn.
4	BRS	1	6289717.pn.
5	BRS	472	(atomic adj force adj microscopy) and (435/5 or 435/6 or 435/7.1 or 435/7.2 or 435/287.1)
6	BRS	69	((atomic adj force adj microscopy) and (435/5 or 435/6 or 435/7.1 or 435/7.2 or 435/287.1)) and @py<2000
7	IS&R	114	((("4728591") or ("5106729") or ("5138174") or ("5143854") or ("5314829") or ("5346683") or ("5363697") or ("5372930") or ("5384261") or ("5440122") or ("5443791") or ("5445934") or ("5445971") or ("5453970") or ("5467642") or ("5472881") or ("5482601") or ("5514540") or ("5519212") or ("5514550") or ("5532128") or ("5571639") or ("5601982") or ("5604097") or ("5620854") or ("5666190") or ("5670322") or ("5688486") or ("5720928") or ("5744305") or ("5753088") or ("5760300") or ("5763768") or ("5789167") or ("5800992") or ("5837832") or ("5840862") or ("5846724") or ("5851769") or ("5866328") or ("5866434") or ("5874219") or ("5874668") or ("5958701") or ("5965133") or ("5981733") or ("5985356") or ("5992226") or ("5993627") or ("6004617") or ("6024925") or ("6033911") or ("6045671") or ("6080586") or ("6083763") or ("6087274") or ("6110426") or ("6123819")) .PN.

	DBs	Time Stamp	Comments	Error Definition
1	USPAT; US-PGPUB; EPO; JPO	2004/04/22 08:51		
2	USPAT; US-PGPUB; EPO; JPO	2004/04/14 16:40		
3	USPAT; US-PGPUB; EPO; JPO	2004/04/19 09:50		
4	USPAT; US-PGPUB; EPO; JPO	2004/04/15 09:09		
5	USPAT; US-PGPUB; EPO; JPO	2004/04/15 09:37		
6	USPAT; US-PGPUB; EPO; JPO	2004/04/14 17:18		
7	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 09:50		

	Type	Refs	Search Text
8	BRS	53	((("4728591") or ("5106729") or ("5138174") or ("5143854") or ("5314829") or ("5346683") or ("5363697") or ("5372930") or ("5384261") or ("5440122") or ("5443791") or ("5445934") or ("5445971") or ("5453970") or ("5467642") or ("5472881") or ("5482601") or ("5514540") or ("5519212") or ("5514550") or ("5532128") or ("5571639") or ("5601982") or ("5604097") or ("5620854") or ("5666190") or ("5670322") or ("5688486") or ("5720928") or ("5744305") or ("5753088") or ("5760300") or ("5763768") or ("5789167") or ("5800992") or ("5837832") or ("5840862") or ("5846724") or ("5851769") or ("5866328") or ("5866434") or ("5874219") or ("5874668") or ("5958701") or ("5965133") or ("5981733") or ("5985356") or ("5992226") or ("5993627") or ("6004617") or ("6024925") or ("6033911") or ("6045671") or ("6080586") or ("6083763") or ("6087274") or ("6110426") or ("6123819"))).PN.) and (remove or dislodge or eject or separate)
9	BRS	2	6589727.pn.
10	BRS	2	5552274.pn.
11	BRS	3	"9840739"

	DBs	Time Stamp	Comments	Error Definition
8	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 11:22		
9	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 10:25		
10	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 10:23		
11	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 10:25		

	Type	Hits	Search Term
12	BRS	23	((((("4728591") or ("5106729") or ("5138174") or ("5143854") or ("5314829") or ("5346683") or ("5363697") or ("5372930") or ("5384261") or ("5440122") or ("5443791") or ("5445934") or ("5445971") or ("5453970") or ("5467642") or ("5472881") or ("5482601") or ("5514540") or ("5519212") or ("5514550") or ("5532128") or ("5571639") or ("5601982") or ("5604097") or ("5620854") or ("5666190") or ("5670322") or ("5688486") or ("5720928") or ("5744305") or ("5753088") or ("5760300") or ("5763768") or ("5789167") or ("5800992") or ("5837832") or ("5840862") or ("5846724") or ("5851769") or ("5866328") or ("5866434") or ("5874219") or ("5874668") or ("5958701") or ("5965133") or ("5981733") or ("5985356") or ("5992226") or ("5993627") or ("6004617") or ("6024925") or ("6033911") or ("6045671") or ("6080586") or ("6083763") or ("6087274") or ("6110426") or ("6123819"))).PN.) and (remove or dislodge or eject or separate)) and ((binding adj affinity) or (intermolecular near binding) or

	DBs	Time Stamp	Comments	Error Definition
12	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 12:03		

	Type	Hits	Search Term
13	BRS	23	(((((("4728591") or ("5106729") or ("5138174") or ("5143854") or ("5314829") or ("5346683") or ("5363697") or ("5372930") or ("5384261") or ("5440122") or ("5443791") or ("5445934") or ("5445971") or ("5453970") or ("5467642") or ("5472881") or ("5482601") or ("5514540") or ("5519212") or ("5514550") or ("5532128") or ("5571639") or ("5601982") or ("5604097") or ("5620854") or ("5666190") or ("5670322") or ("5688486") or ("5720928") or ("5744305") or ("5753088") or ("5760300") or ("5763768") or ("5789167") or ("5800992") or ("5837832") or ("5840862") or ("5846724") or ("5851769") or ("5866328") or ("5866434") or ("5874219") or ("5874668") or ("5958701") or ("5965133") or ("5981733") or ("5985356") or ("5992226") or ("5993627") or ("6004617") or ("6024925") or ("6033911") or ("6045671") or ("6080586") or ("6083763") or ("6087274") or ("6110426") or ("6123819"))).PN.) and (remove or dislodge or eject or separate)) and ((binding adj affinity) or (intermolecular near binding) or
14	BRS	481	((atomic adj force adj (microscopy or microscope)) or (scanning adj probe adj (microscopy or microscope))) and (binding same affinity) and (remove or dislodge or separate)
15	BRS	52	((atomic adj force adj (microscopy or microscope)) or (scanning adj probe adj (microscopy or microscope))) and (binding same affinity) and (remove or dislodge or separate)) and @py<2000
16	BRS	2	"08094646"
17	BRS	1	"07027771"
18	BRS	4	"06124680"
19	BRS	7	"9805920"

	DBs	Time Stamp	Comments	Error Definition
13	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 12:05		
14	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:29		
15	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:20		
16	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:18		
17	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:19		
18	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:20		
19	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:21		

	Type	Hours	Search Term
20	BRS	4	"9215709"
21	BRS	2	"9631775"
22	BRS	7	"9706420"
23	BRS	3	"9718326"
24	BRS	3	"9818959"
25	BRS	3	"9931267"
26	BRS	0	"199931267"
27	BRS	8	"200004382"
28	BRS	8	"200004389"
29	BRS	8	"200004390"
30	BRS	2	"200036136"
31	BRS	2	"200041213"
32	BRS	2	"200160316"
33	BRS	2	"200046406"
34	BRS	0	"2001918555"
35	BRS	4	"2003001633"
36	BRS	4	"2003036767"
37	BRS	4	"2003038033"
38	BRS	4	"2003048314"
39	BRS	4	"2003052514"
40	BRS	7	"9706420"
41	BRS	2	5874668.pn.
42	BRS	1	5992226.pn.
43	BRS	5	"09574519"

	DBs	Time Stamp	Comments	Error Definition
20	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:21		
21	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:21		
22	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:22		
23	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:24		
24	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:23		
25	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:26		
26	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:41		
27	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:42		
28	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:49		
29	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:43		
30	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:44		
31	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:44		
32	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:45		
33	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:45		
34	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:45		
35	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:46		
36	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:46		
37	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:47		
38	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:47		
39	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:47		
40	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/15 16:50		
41	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 09:45		
42	USPAT; US-PGPUB; EPO; JPO	2004/04/19 10:00		
43	USPAT; US-PGPUB; EPO; JPO	2004/04/19 10:13		

	Type	Hits	Search Terms
44	BRS	44	(intermolecular adj force) and (atomic adj force adj (microscope or microscopy)) and probe
45	BRS	47	(intermolecular adj force) and (atomic adj force adj (microscope or microscopy)) and (scan or scanning)
46	BRS	38	(intermolecular adj force) and (atomic adj force adj (microscope or microscopy)) and remove
47	BRS	424	((atomic adj force adj (microscopy or microscope)) or (scanning adj probe adj (microscopy or microscope))) and (binding same affinity) and (covalent)
48	BRS	313	((atomic adj force adj (microscopy or microscope)) or (scanning adj probe adj (microscopy or microscope))) and (binding same affinity) and covalent and (nonspecific or non-specific)
49	BRS	51	((atomic adj force adj (microscopy or microscope)) or (scanning adj probe adj (microscopy or microscope))) and (binding same affinity) and covalent and (nonspecific or non-specific)) and @py<=2000
50	BRS	7411	((atomic adj force) or (scanning adj probe)) adj (microscope or microscopy)
51	BRS	9126	AFM or SPM
52	BRS	2752	((((atomic adj force) or (scanning adj probe)) adj (microscope or microscopy)) or (AFM or SPM)) and ((locate or find or findinf or detect or detecting) same (molecule or object or reagent or sample))
53	BRS	905	(((((atomic adj force) or (scanning adj probe)) adj (microscope or microscopy)) or (AFM or SPM)) and ((locate or find or findinf or detect or detecting) same (molecule or object or reagent or sample))) and (affinity or ligand or receptor)

	DBs	Time Stamp	Comments	Error Definition
44	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:24		
45	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:25		
46	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:27		
47	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:29		
48	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:29		
49	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/19 10:30		
50	USPAT; US-PGPUB; EPO; JPO	2004/04/21 13:31		
51	USPAT; US-PGPUB; EPO; JPO	2004/04/21 13:32		
52	USPAT; US-PGPUB; EPO; JPO	2004/04/21 13:33		
53	USPAT; US-PGPUB; EPO; JPO	2004/04/21 13:33		

	Type	Hits	Search Terms
54	BRS	401	(((((atomic adj force) or (scanning adj probe)) adj (microscope or microscopy)) or (AFM or SPM)) and ((locate or find or findinf or detect or detecting) same (molecule or object or reagent or sample))) and (affinity or ligand or receptor)) and ((collect or remove) same (object or molecule or reagent or sample))
55	BRS	61	(((((atomic adj force) or (scanning adj probe)) adj (microscope or microscopy)) or (AFM or SPM)) and ((locate or find or findinf or detect or detecting) same (molecule or object or reagent or sample))) and (affinity or ligand or receptor)) and ((collect or remove) same (object or molecule or reagent or sample))) and @py<=2000
56	BRS	48	((atomic adj force) or (scanning adj probe)) adj (microscope or microscopy)) and (AFM or SPM) and (intermolecular near force)
57	BRS	2760	(atomic adj force adj (microscope or microscopy)) and (interaction or interact or bind or affinity)
58	BRS	1585	((atomic adj force adj (microscope or microscopy)) and (interaction or interact or bind or affinity)) and (ligand or receptor or cell)
59	BRS	336	((atomic adj force adj (microscope or microscopy)) and (interaction or interact or bind or affinity)) and (ligand or receptor or cell)) and @py<=2000
60	BRS	476	(atomic adj force adj (microscope or microscopy)) and analyte
61	BRS	94	((atomic adj force adj (microscope or microscopy)) and analyte) and @py<=2000
62	BRS	2	5624845.pn.
63	BRS	2	5519212.pn.
64	BRS	2181	(atomic adj force adj (microscope or microscopy)) and (vertical or ((pull adj off) or pull-off) near force)
65	BRS	56	(atomic adj force adj (microscope or microscopy)) and (vertical adj force)

	DBs	Time Stamp	Comments	Error Definition
54	USPAT; US-PGPUB; EPO; JPO	2004/04/21 13:34		
55	USPAT; US-PGPUB; EPO; JPO	2004/04/21 13:46		
56	USPAT; US-PGPUB; EPO; JPO	2004/04/21 14:36		
57	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:52		
58	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:45		
59	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:46		
60	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 14:52		
61	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 15:57		
62	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 15:57		
63	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 15:57		
64	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 16:05		
65	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/21 16:05		

	Type	Hires	Search Term
66	BRS	399	cantilever same bind\$4
67	BRS	230	(cantilever same bind\$4) and @py<=2000
68	BRS	391	(AFM or (atomic adj force adj microscop\$2)) same bind\$4
69	BRS	81	((AFM or (atomic adj force adj microscop\$2)) same bind\$4) and @py<=2000
70	BRS	13	"5763768"
71	BRS	3	"6146899"
72	BRS	2	5958701.pn.
73	BRS	2	5992226.pn.
74	BRS	2	6289717.pn.
75	BRS	2	5763768.pn.
76	BRS	125	(atomic adj force adj microscopy) and ((tip or probe) same (virus or viruses))
77	BRS	24	((atomic adj force adj microscopy) and ((tip or probe) same (virus or viruses))) and @py<=2000
78	BRS	2	6573369.pn.
79	BRS	7	"6289717"
80	BRS	2	"6589727"
81	BRS	2	5552274.pn.
82	BRS	583	(atomic adj force adj (microscope or microscopy)) and virus
83	BRS	527	((atomic adj force adj (microscope or microscopy)) and virus) and binding
84	BRS	407	((((atomic adj force adj (microscope or microscopy)) and virus) and binding) and antigen
85	BRS	82	(((((atomic adj force adj (microscope or microscopy)) and virus) and binding) and antigen) and @py<=2000
86	BRS	2	5519212.pn.

	DBs	Time Stamp	Comments	Error Definition
66	USPAT; US-PGPUB; EPO; JPO	2004/04/22 08:52		
67	USPAT; US-PGPUB; EPO; JPO	2004/04/22 09:02		
68	USPAT; US-PGPUB; EPO; JPO	2004/04/22 09:03		
69	USPAT; US-PGPUB; EPO; JPO	2004/04/23 15:15		
70	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 10:49		
71	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 10:49		
72	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:12		
73	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:13		
74	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:17		
75	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:18		
76	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:30		
77	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 13:31		
78	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/22 16:31		
79	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 14:58		
80	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 14:59		
81	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 15:02		
82	USPAT; US-PGPUB; EPO; JPO	2004/04/23 15:16		
83	USPAT; US-PGPUB; EPO; JPO	2004/04/23 15:16		
84	USPAT; US-PGPUB; EPO; JPO	2004/04/23 15:16		
85	USPAT; US-PGPUB; EPO; JPO	2004/04/23 15:16		
86	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/23 16:12		